

SYSTEM AND METHOD FOR INTERFACE ISOLATION AND  
OPERATING SYSTEM NOTIFICATION DURING BUS ERRORS

ABSTRACT OF THE DISCLOSURE

5           A system and method for notifying an operating system of an error signal transmitted  
by a communications medium is disclosed. The communications medium connects a plurality of  
electronic devices. The operating system includes device drivers and is capable of configuring  
communications between one or more applications and the communications medium. A detector  
is coupled to the communications medium. The detector receives error signals transmitted by the  
communications medium, one or more error signals associated with one of the electronic devices.  
10       A BIOS is coupled to the detector. The BIOS is capable of determining an electronic device  
associated with a first error signal. The BIOS generates a hot-eject signal identifying that electronic  
device in response to the first error signal. The operating system blocks communications between  
the applications and the identified electronic device in response to the BIOS generating the hot-eject  
signal.  
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